

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (previously presented) The floor covering comprising as polymer binder at least one elastomer based on at least one polyolefin with a density $< 0.910 \text{ g/cm}^3$, and at least one grafted copolymer.
2. (previously presented) The floor covering as claimed in Claim 1, wherein the polyolefin has a density of $0.85 - 0.892 \text{ g/cm}^3$.
3. (previously presented) The floor covering as claimed in Claim 1, wherein the polyolefin is selected from among the class of VLD PE polymers.
4. (previously presented) The floor covering as claimed in Claim 1, wherein the polyolefin is a mixture of at least two ethylene copolymers, wherein the ethylene copolymer mixture comprises a copolymer (a) as the main polymer with a density of $0.89 - 0.91 \text{ g/cm}^3$ and a copolymer (b) to control rheology and elasticity with a density of $0.86 - 0.88 \text{ g/cm}^3$ and an MFI > 3 .
5. (previously presented) The floor covering as claimed in Claim 4, wherein the copolymers (a) and (b) are present at a weight ratio of 4:1 to 3:2.

6. (previously presented) The floor covering as claimed in Claim 4, wherein the copolymers (a) and (b) are copolymers of ethylene and octene.

7. (previously presented) The floor covering as claimed in Claim 1, wherein the grafted copolymer is a grafted copolymer based on a HD polyethylene.

8. (previously presented) The floor covering as claimed in Claim 7, wherein the grafted copolymer is a maleic acid anhydride grafted HD polyethylene.

9. (previously presented) The floor covering as claimed in Claim 8, wherein the grafting degree is 1% to 5%.

10. (previously presented) The floor covering as claimed in Claim 1, wherein the proportion of grafted copolymer in relation to the total weight of the polymeric binder is 5% to 25% by weight.

11. (previously presented) The floor covering as claimed in Claim 1, wherein the elastomer is cross-linked with at least one cross-linking agent based on an organic peroxide and optionally a co-cross-linking agent.

12. (previously presented) The floor covering as claimed in Claim 11, wherein the co-cross-linking agent is an isocyanuric acid derivative or an acrylate or a methacrylate derivative derived from a polyol.

13. (previously presented) The floor covering as claimed in Claim 1, which further comprises a filler, a pigment, a processing aid, an antioxidant, a static eliminator, a UV stabilizer or a slip agent.

14. (previously presented) The floor covering as claimed in Claim 13, wherein the filler is a mixture of platelet-shaped and crystalline mineral intergrowths.

15. (previously presented) The floor covering as claimed in Claim 1, having a variable color pattern and a homogeneous design.

16-24 (withdrawn)

25. (previously presented) The floor covering comprising as polymer binder at least one elastomer based on at least one polyolefin with a density $< 0.910 \text{ g/cm}^3$, and at least one grafted copolymer, wherein the proportion of grafted copolymer in relation to the total weight of the polymeric binder is 5% to 25% by weight.